Fig. 1

SEQ ID NO: 1

GCCAGCCGCAGACCGTGGCTGAGCATGGAGCTGTCCCCCCGCAGTCCT
CCGGAGATGCTGGAGGAGTCGGATTGCCCGTCACCCCTGGAGCTGAAG
TCAGCCCCCAGCAAGAAGATGTGGATTAAGCTTCGGTCTCTGCTGCGC
TACATGGTGAAGCAGTTGGAGAATGGGGAGATAAACATTGAGGAGCTG
AAGAAAAATCTGGAGTACACAGCTTCTCTGCTGGAAGCCGTCTACATA
GATGAGACACGGCAAATCTTGGACACGGAGGACGAGCTGCAGGAGCTG
CGGTCAGATGCCGTGCCTTCGGAGGTGCGGGACTGGCTGGCCTCCACC
TTCACCCAGCAGGCCCGGGCCAAAGGCCGCCGAGCAGAGGAGAAGCCC
AAGTTCCGAAGCATTGTGCACGCTGTGCAGGCTGGGATCTTCGTGGAA
CGGATGTTCCGGAGAACATACACCTCTGTGGGCCCCACTTACTCTACT
GCGGTTCTCAACTGTCTCAAGAACCTGGATCTCTGGTGCTTTGATGTC
TTTTCCTTGAACCAGGCAGCAGATGACCATGCCCTGAGGACCATTGTT
TTTGAGTTGCTGACTCGGCATAACCTCATCAGCCGCTTCAAGATTCCC
ACTGTGTTTTTGATGAGTTTCCTGGATGCCTTGGAGACAGGCTATGGG
AAGTACAAGAATCCTTACCACAACCAGATCCACGCAGCCGATGTTACC
CAGACAGTCCATTGCTTCTTGCTCCGCACAGGGATGGTGCACTGCCTG
TCGGAGATTGAGCTCCTGGCCATCATCTTTGCTGCAGCTATCCATGAT
TATGAGCACACGGGCACTACCAACAGCTTCCACATCCAGACCAAGTCA
GAATGTGCCATCGTGTACAATGATCGTTCAGTGCTGGAGAATCACCAC
ATCAGCTCTGTTTTCCGATTGATGCAGGATGATGAGATGAACATTTTC
ATCAACCTCACCAAGGATGAGTTTGTAGAACTCCGAGCCCTGGTCATT
GAGATGGTGTTGGCCACAGACATGTCCTGCCATTTCCAGCAAGTGAAG
ACCATGAAGACAGCCTTGCAACAGCTGGAGAGGATTGACAAGCCCAAG
GCCCTGTCTCTACTGCTCCATGCTGCTGACATCAGCCACCCAACCAAG
CAGTGGTTGGTCCACAGCCGTTGGACCAAGGCCCTCATGGAGGAATTC
TTCCGTCAGGGTGACAAGGAGGCAGAGTTGGGCCTGCCCTTTTCTCCA
CTCTGTGACCGCACTTCCACTCTAGTGGCACAGTCTCAGATAGGGTTC
ATCGACTTCATTGTGGAGCCCACATTCTCTGTGCTGACTGACGTGGCA
GAGAAGAGTGTTCAGCCCCTGGCGGATGAGGACTCCAAGTCTAAAAAC
CAGCCCAGCTTTCAGTGGCGCCAGCCCTCTCTGGATGTGGAAGTGGGA
GACCCCAACCCTGATGTGGTCAGCTTTCGTTCCACCTGGGTCAAGCGC
ATTCAGGAGAACAAGCAGAAATGGAAGGAACGGGCAGCAAGTGGCATC
ACCAACCAGATGTCCATTGACGAGCTGTCCCCCTGTGAAGAAGAGGCC
CCCCCATCCCCTGCCGAAGATGAACACAACCAGAATGGGAATCTGGAT
TAGCCCTGGGGCTGGCCCAGGTCTTCATTGAGTCCAAAGTGTTTGATG
TCATCAGCACCATCCATCAGGACTGGCTCCCCCATCTGCTCCAAGGGA
GCGTGGTCGTGGAAGAAACAACCCACCTGAAGGCCAAATGCCAGAGAT
TTGGGGTTGGGGAAAGGGCCCCTCCCCACCTGACACCCACTGGGGTGC
ACTTTAATGTTCCGGCAGCAAGACTGGGGAACTTCAGGCTCCCAGTGG
TCACTGTGCCCATCCCTCAGCCTCTGGATTCTCTTCATGGCCAGGTGG
CTGCCAGGGAGCGGGGAGCTTCCTGGAGGCTTCCCAGGGCCTTGGGGA

Fig. 1 (continued)

AGGGTCAGAGATGCCAGCCCCCTGGGACCTCCCCCATCCTTTTTGCCT
CCAAGTTTCTAAGCAATACATTTTGGGGGTTCCCTCAGCCCCCCACCC
CAGATCTTAGCTGGCAGGTCTGGGTGCCCCTTTTCCTCCCCTGGGAAG
GGCTGGAATAGGATAGAAAGCTGGGGGTTTTCAGAGCCCTATGTGTGG
GGAGGGGAGTGGATTCCTTCAGGGCATGGTACCTTTCTAGGATCTGGG
AATGGGGTGGAGAGGACATCCTCTTCACCCCAGAATTGCGGGAATTC

Fig. 2
SEQ ID NO: 2
MELSPRSPPEMLEESDCPSPLELKSAPSKKMWIKLRSLLRYMVKQLEN
GEINIEELKKNLEYTASLLEAVYIDETRQILDTEDELQELRSDAVPSE
VRDWLASTFTQQARAKGRRAEEKPKFRSIVHAVQAGIFVERMFRRTYT
SVGPTYSTAVLNCLKNLDLWCFDVFSLNQAADDHALRTIVFELLTRHN
LISRFKIPTVFLMSFLDALETGYGKYKNPYHNQIHAADVTQTVHCFLL
RTGMVHCLSEIELLAIIFAAAIHDYEHTGTTNSFHIQTKSECAIVYND
RSVLENHHISSVFRLMQDDEMNIFINLTKDEFVELRALVIEMVLATDM
SCHFQQVKTMKTALQQLERIDKPKALSLLLHAADISHPTKQWLVHSRW
TKALMEEFFRQGDKEAELGLPFSPLCDRTSTLVAQSQIGFIDFIVEPT
FSVLTDVAEKSVQPLADEDSKSKNQPSFQWRQPSLDVEVGDPNPDVVS
FRSTWVKRIQENKQKWKERAASGITNQMSIDELSPCEEEAPPSPAEDE
HNQNGNLD

Fig. 3
SEQ ID NO: 3
5'- TGTGGAAGTGGGAGACCCC -3'

Fig. 4
SEQ ID NO: 4
5'- CTGAATGCGCTTGACCCAG -3'

Fig. 5
SEQ ID NO: 5
5'- ACCCTGATGTGGTCAGCTTTCGTTCCA -3'